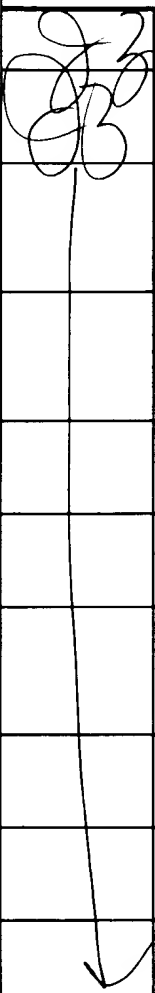
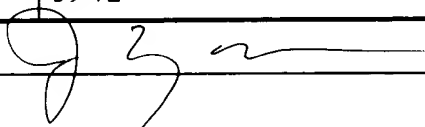
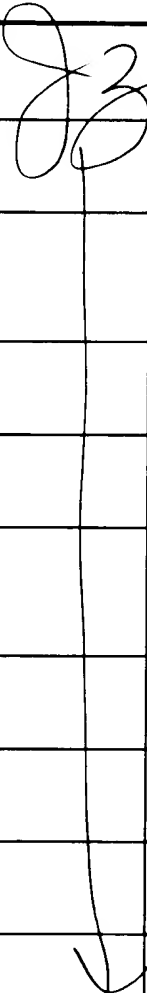
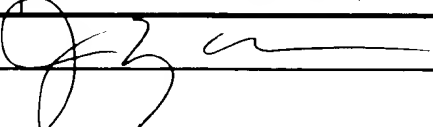


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	AD	Alul, R.H. et al., "Oxalyl-CPG: a labile support for synthesis of sensitive oligonucleotide derivatives", <i>Nuc. Acid Res.</i> , 1991, 19, 1527-1532	
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\*\* A copy of this reference will not be forwarded to the Patent Office since it is believed to be too voluminous to send and easily obtainable.

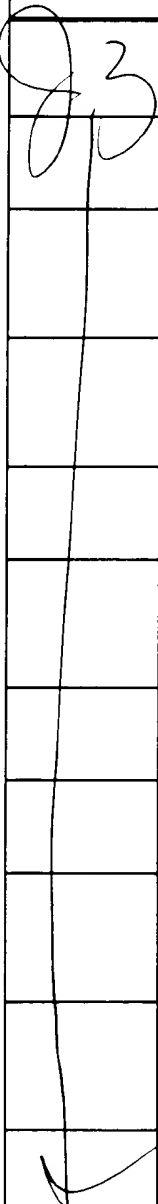
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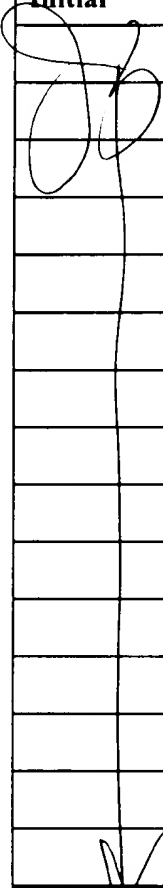

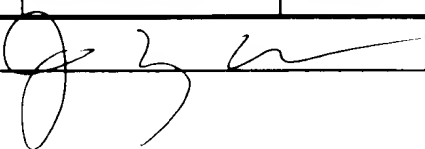
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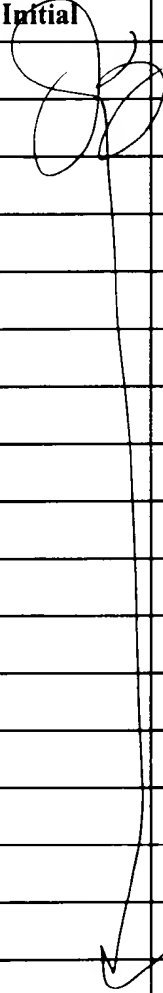
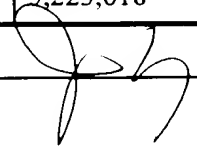


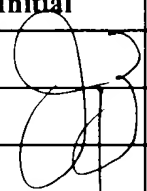
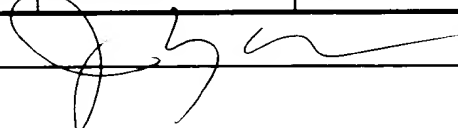
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	<b>DE</b>	Stribling, R., et al., "Aerosol gene delivery in vivo", <i>Proc. Natl Acad. Sci. USA</i> , <b>1992</b> , 89, 11277-11281	
	<b>DF</b>	Takakura, Y. et al., "Uptake Characteristics of Oligonucleotides in the Isolated Rat Liver Perfusion System", <i>Antisense &amp; Nuc. Acid Drug Dev.</i> , <b>1996</b> , 6, 177-183	
	<b>DG</b>	U.S. Congress, Office of Technology Assessment, "The State-of-the-art in Genetic Screening", <i>Genetic Monitoring and Screening in the Workplace</i> , OTA-BA-455, U.S. Government Printing Office, Washington, D.C., <b>1990</b> , Ch. 5, 75-99	
	<b>DH</b>	Wahlestedt, C. et al., "Modulation of Anxiety and Neuropeptide Y-Y1 Receptors by Antisense Oligodeoxynucleotides", <i>Science</i> , <b>1993</b> , 259, 528-531	
	<b>DI</b>	Wahlestedt, C. et al., "Antisense oligodeoxynucleotides to NMDA-R1 receptor channel protect cortical neurons from excitotoxicity and reduce focal ischaemic infarctions", <i>Nature</i> , <b>1993</b> , 363, 260-263	
	<b>DJ</b>	Warren et al., "Protocols for Oligonucleotides Conjugates", <i>Methods in Molecular Biology</i> , Agrawal, S. (ed.), Humana Press, Totowa, NJ, <b>1994</b> , Vol. 26, Chapter 9, 233-264	
	<b>DK</b>	Wegner et al., "Intercellular Adhesion Molecule-1 (ICAM-1) in Pathogenesis of Asthma", <i>Science</i> , <b>1994</b> , 247, 456-459	
	<b>DL</b>	Wright, P. et al., "Large Scale Synthesis of Oligonucleotides via phosphoramidite Nucleosides and a High-loaded Polystyrene Support", <i>Tetrahedron Letts.</i> , <b>1993</b> , 34, 3373-3376	
	<b>DM</b>	Wu-Pong, S. et al., "Airway-to-biophase transfer of inhaled oligonucleotides", <i>Adv. Drug Deliv. Rev.</i> , <b>1996</b> , 19, 47-71	
	<b>DN</b>	Yoshimura, K., "Expression of the human cystic fibrosis transmembrane conductance regulator gene in the mouse lung after in vivo intratracheal plasmid-mediated gene transfer", <i>Nucl. Acids Res.</i> , <b>1992</b> , 20, 3233-3240	
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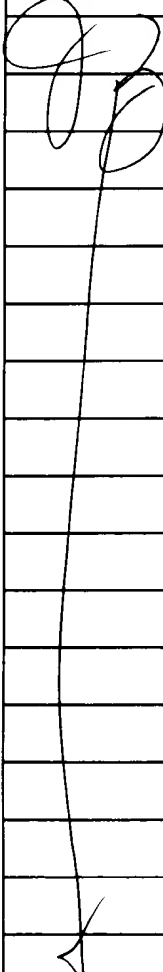
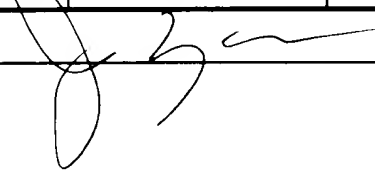
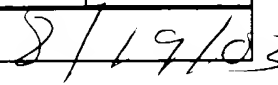
<b>Form PTO-1449 Modified</b>				Docket No. <b>ISIS-3561</b>	Serial No. <b>09/315,292</b>	
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U.S. Department of Commerce Patent and Trademark Office						
<b>U. S. PATENT DOCUMENTS</b>						
Examiner Initial		Document No.	Date	Name	Class	Subclass
	DO	RE34,069	09/15/92	Köster et al.	536	27
	DP	3,687,808	08/29/72	Merigan et al.	195	28
	DQ	4,415,732	11/15/83	Caruthers et al.	536	27
	DR	4,458,066	07/03/84	Caruthers et al.	536	27
	DS	4,469,863	09/04/84	Ts'o et al.	536	27
	DT	4,476,301	10/09/84	Imbach et al.	536	27
	DU	4,500,707	02/19/85	Caruthers et al.	536	27
	DV	4,501,729	02/26/85	Boucher, et al.	424	45
	DW	4,587,044	05/06/86	Miller et al.	530	211
	DX	4,605,735	08/12/86	Miyoshi et al.	536	27
<b>FOREIGN PATENT DOCUMENTS</b>						
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	DY	WO 93/24510	12/09/93	PCT	XX	
	DZ	WO 94/02499	02/03/94	PCT	XX	
	EA	WO 94/08003	04/14/94	PCT	XX	
	EB	WO 94/17093	08/04/94	PCT	XX	
	EC	WO 96/32496	10/17/96	PCT	XX	
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	ED	4,667,025	05/19/87	Miyoshi, et al.	536	27	
	EE	4,668,777	05/26/87	Caruthers et al.	536	27	
	EF	4,689,320	08/25/87	Kaji	514	44	
	EG	4,725,677	02/16/88	Köster et al.	536	27	
	EH	4,762,779	08/09/88	Snitman	435	6	
	EI	4,789,737	12/06/88	Miyoshi et al.	536	27	
	EJ	4,806,463	02/21/89	Goodchild et al.	435	5	
	EK	4,824,941	04/25/89	Gordon, et al.	530	403	
	EL	4,828,979	05/09/89	Klevan, et al.	435	6	
	EM	4,835,263	05/30/89	Nguyen, et al.	536	27	
	EN	4,845,205	07/04/89	Huynh Dinh et al.	536	28	
	EO	4,876,335	10/24/89	Yamane et al.	536	27	
	EP	4,904,582	02/27/90	Tullis	435	6	
	EQ	4,948,882	08/14/90	Ruth	536	27	
	ER	4,958,013	09/18/90	Letsinger	536	27	
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	ES	WO 96/34008	10/31/96	PCT	XX		
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	EU	4,981,957	01/01/91	Lebleu, et al.	536	27	
	EV	5,004,810	04/02/91	Draper	536	27	
	EW	5,013,830	05/07/91	Ohtsuka et al.	536	27	
	EX	5,023,243	06/11/91	Tullis	514	44	
	EY	5,034,506	07/23/91	Summerton et al.	528	391	
	EZ	5,082,830	01/21/92	Brakel et al.	514	44	
	FA	5,087,617	02/11/92	Smith	514	44	
	FB	5,098,890	03/24/92	Gewirtz et al.	514	44	
	FC	5,109,124	4/28/92	Ramachandran et al.	536	27	
	FD	5,112,963	05/12/92	Pieles et al.	536	27	
	FE	5,118,800	06/02/92	Smith et al.	536	23	
	FF	5,118,802	06/02/92	Smith et al.	536	27	
	FG	5,130,302	07/14/92	Spielvogel et al.	514	45	
	FH	5,132,418	07/21/92	Caruthers et al.	536	27	
	FI	5,134,066	07/28/92	Rogers et al.	435	91	
FJ	5,135,917	08/04/92	Burch	514	44		
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<b>U. S. PATENT DOCUMENTS</b>						
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	<b>FK</b>	5,138,045	08/11/92	Cook et al.	536	27
	<b>FL</b>	5,149,797	09/22/92	Pederson et al.	536	27
	<b>FM</b>	5,166,195	11/24/92	Ecker	514	44
	<b>FN</b>	5,166,315	11/24/92	Summerton et al.	528	406
	<b>FO</b>	5,175,273	12/29/92	Bischofberger et al.	536	27
	<b>FP</b>	5,177,196	01/05/93	Meyer, Jr. et al.	536	22.1
	<b>FQ</b>	5,177,198	01/05/93	Spielvogel et al.	536	25.33
	<b>FR</b>	5,185,444	02/09/93	Summerton et al.	544	81
	<b>FS</b>	5,188,897	2/23/93	Suhadolnik et al.	428	402.2
	<b>FT</b>	5,194,428	03/16/93	Agrawal et al.	514	44
	<b>FU</b>	5,212,295	05/18/93	Cook	536	26.7
	<b>FV</b>	5,214,134	05/25/93	Weis et al.	536	25.3
	<b>FW</b>	5,214,136	05/25/93	Lin et al.	514	44
	<b>FX</b>	5,216,141	06/01/93	Benner	536	27.13
	<b>FY</b>	5,218,105	06/08/93	Cook et al.	536	25.31
	<b>FZ</b>	5,220,007	06/15/93	Pederson et al.	536	23.1
	<b>GA</b>	5,223,618	06/29/93	Cook et al.	544	276
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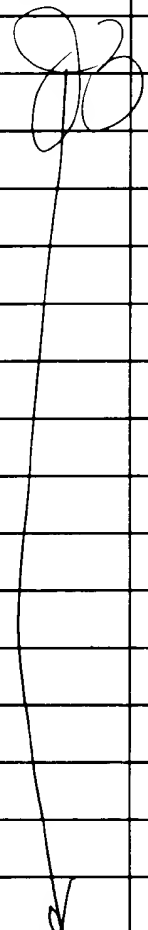
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	GB	5,235,033	08/10/93	Summerton et al.	528	391
	GC	5,242,906	09/07/93	Pagano et al.	514	44
	GD	5,245,022	9/14/97	Weis et al.	536	24.5
	GE	5,254,469	10/19/93	Warren, III et al.	435	188
	GF	5,256,775	10/26/93	Froehler	536	25.6
	GG	5,258,506	11/02/93	Urdea	536	23.1
	GH	5,262,536	11/16/93	Hobbs, Jr.	546	25
	GI	5,264,423	11/23/93	Cohen et al.	514	44
	GJ	5,264,562	11/23/93	Matteucci	536	23.1
	GK	5,264,564	11/23/93	Matteucci	536	23.1
	GL	5,272,250	12/21/93	Spielvogel et al.	530	300
	GM	5,276,019	01/04/94	Cohen et al.	514	44
	GN	5,278,302	01/11/94	Caruthers et al.	536	24.5
	GO	5,286,717	02/15/94	Cohen et al.	514	44
	GP	5,292,873	03/08/94	Rokita et al.	536	24.3
	GQ	5,317,098	05/31/94	Shizuya et al.	536	23.1
GR	5,319,080	06/07/94	Leumann	536	27.1	
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	GS	5,321,131	06/14/94	Agrawal et al.	536	25.34
	GT	5,359,044	10/25/94	Cook et al.	536	23.1
	GU	5,366,878	11/22/94	Pederson et al.	435	91.3
	GV	5,367,066	11/22/94	Urdea et al.	536	24.3
	GW	5,371,241	12/06/94	Brush	549	220
	GX	5,378,825	01/03/95	Cook et al.	536	25.34
	GY	5,386,023	01/31/95	Sanghvi et al.	536	25.3
	GZ	5,391,723	02/21/95	Priest	536	23.1
	HA	5,393,878	02/28/95	Leumann	536	28.2
	HB	5,399,676	03/21/95	Froehler	536	23.1
	HC	5,403,711	04/04/95	Walder et al.	435	6
	HD	5,405,938	04/11/95	Summerton et al.	528	406
	HE	5,405,939	04/11/95	Suhadolnik et al.	530	322
	HF	5,414,077	05/09/95	Lin et al.	536	24.3
	HG	5,416,203	5/16/95	Letsinger	536	25.34
	HH	5,432,272	07/11/95	Benner	536	25.3
	HI	5,434,257	08/18/95	Matteucci et al.	536	24.3
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	HJ	5,446,137	08/29/95	Maag et al.	536	23.1	
	HK	5,446,786	11/14/95	Buhr, et al.	536	26.26	
	HL	5,451,463	09/19/95	Nelson, et al.	428	402	
	HM	5,453,496	09/26/95	Caruthers, et al.	536	24.5	
	HN	5,455,233	10/03/95	Spielvogel et al.	514	44	
	HO	5,457,187	10/10/95	Gmeiner et al.	536	25.5	
	HP	5,459,255	10/17/95	Cook et al.	536	27.13	
	HQ	5,466,677	11/14/95	Baxter et al.	514	44	
	HR	5,470,967	11/28/95	Huie et al.	536	24.3	
	HS	5,476,925	12/19/95	Letsinger et al.	536	23.1	
	HT	5,484,908	01/16/96	Froehler et al.	536	24.31	
	HU	5,486,603	06/23/96	Buhr	536	24.3	
	HV	5,489,677	02/06/96	Sanghvi et al.	536	22.1	
	HW	5,491,133	02/13/96	Walder et al.	514	44	
	HX	5,502,177	03/26/96	Matteucci et al.	536	26.6	
	HY	5,506,351	04/09/96	McGee	536	55.3	
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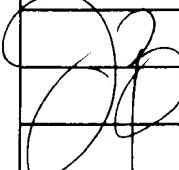


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<b>U. S. PATENT DOCUMENTS</b>							
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	<b>IA</b>	5,510,475	04/23/96	Agrawal et al.	536	24.3	
	<b>IB</b>	5,512,439	04/30/96	Hornes et al.	435	6	
	<b>IC</b>	5,512,667	04/30/96	Reed et al.	536	24.31	
	<b>ID</b>	5,514,785	05/07/96	Van Ness et al.	536	22.1	
	<b>IE</b>	5,514,788	05/07/96	Bennett et al.	536	23.1	
	<b>IF</b>	5,519,126	05/21/96	Hecht	536	24.3	
	<b>IG</b>	5,519,134	05/21/96	Acevedo et al.	544	243	
	<b>IH</b>	5,521,302	05/28/96	Cook	536	25.31	
	<b>II</b>	5,525,465	06/11/96	Haralambidis et al.	435	6	
	<b>IJ</b>	5,525,711	06/11/96	Hawkins et al.	536	22.1	
	<b>IK</b>	5,536,821	07/16/96	Agrawal et al.	536	22.1	
	<b>IL</b>	5,539,082	07/23/96	Nielsen et al.	530	300	
	<b>IM</b>	5,539,083	07/23/96	Cook et al.	530	333	
	<b>IN</b>	5,541,306	07/30/96	Agrawal et al.	536	22.1	
	<b>IO</b>	5,541,307	07/30/96	Cook et al.	536	23.1	
	<b>IP</b>	5,541,313	07/30/96	Ruth	536	24.3	
	<b>IQ</b>	5,543,508	08/06/96	Haseloff et al.	536	23.2	
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	IR	5,545,729	08/13/96	Goodchild et al.	536	24.5	
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	IT	5,550,111	08/27/96	Suhadolnik et al.	514	44	
	IU	5,552,538	09/03/96	Urdea et al.	536	24.3	
	IV	5,552,540	09/03/96	Haralambidis	536	25.34	
	IW	5,561,225	10/01/96	Maddry et al.	536	23.1	
	IX	5,563,253	10/8/96	Agrawal, et al.	536	22.1	
	IY	5,565,350	10/15/96	Kmiec	435	172.3	
	IZ	5,565,552	10/15/96	Magda et al.	534	11	
	JA	5,567,810	10/22/96	Weis et al.	536	25.3	
	JB	5,567,811	10/22/96	Misiura et al.	536	25.34	
	JC	5,571,799	11/05/96	Tkachuk et al.	514	47	
	JD	5,574,142	11/12/96	Meyer, Jr. et al.	536	23.1	
	JE	5,576,427	11/19/96	Cook et al.	536	23.1	
	JF	5,578,717	11/26/96	Urdea et al.	536	26.1	
	JG	5,578,718	11/26/96	Cook et al.	536	27.21	
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	JJ	5,582,972	12/10/96	Lima et al.	435	6	
	JJ	5,582,986	12/10/96	Monia et al.	435	6	
	JK	5,585,481	12/17/96	Arnold, Jr. et al.	536	25.33	
	JL	5,587,361	12/24/96	Cook et al.	514	44	
	JM	5,587,371	12/24/96	Sessler et al.	514	185	
	JN	5,587,469	12/24/96	Cook et al.	536	23.1	
	JO	5,591,584	01/07/97	Chang et al.	435	6	
	JP	5,591,623	01/07/97	Bennett et al.	435	240.2	
	JQ	5,591,722	01/07/97	Montgomery et al.	514	45	
	JR	5,594,121	01/14/97	Froehler et al.	536	23.5	
	JS	5,595,726	01/21/97	Magda et al.	424	9.61	
	JT	5,595,978	01/21/97	Draper et al.	514	44	
	JU	5,596,086	01/21/97	Matteucci et al.	536	22.1	
	JV	5,596,091	01/21/97	Switzer	536	24.5	
	JW	5,597,696	01/28/97	Linn et al.	435	6	
	JX	5,597,909	01/28/97	Urdea et al.	536	24.3	
	<b>EXAMINER</b>				<b>DATE CONSIDERED</b>		

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office				Docket No. <b>ISIS-3561</b>		Serial No. <b>09/315,292</b>	
				Applicants <b>Clarence F. Bennett et al.</b>			
				Filing Date <b>May 20, 1999</b>		Group <b>1635</b>	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
J3	JY	5,599,923	02/04/97	Sessler et al.	540	145	
	JZ	5,599,928	02/04/97	Hemmi et al.	540	474	
	KA	5,602,240	02/11/97	De Mesmaeker et al.	536	22.1	
	KB	5,608,046	03/04/97	Cook et al.	536	23.1	
	KC	5,610,289	03/11/97	Cook et al.	536	25.34	
	KD	5,610,300	03/11/97	Altmann et al.	544	244	
	KE	5,614,617	03/25/97	Cook et al.	536	23.1	
	KF	5,618,704	04/08/97	Sanghvi et al.	435	91.5	
	KG	5,620,963	04/15/97	Cook et al.	514	44	
	KH	5,623,065	04/22/97	Cook et al.	536	23.1	
	KI	5,623,070	04/22/97	Cook, et al.	536	27.6	
	KJ	5,625,050	04/29/97	Beaton, et al.	536	24.1	
	KK	5,627,053	05/06/97	Usman, et al.	435	91.1	
	KL	5,633,360	05/27/97	Bischofberger, et al..	536	22.1	
	KM	5,639,873	06/17/97	Barascut, et al.	536	25.3	
	KN	5,646,265	07/08/97	McGee	536	25.34	
KO	5,652,355	07/29/97	Metelev et al.	536	24.5		
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

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				Applicants <b>Clarence F. Bennett et al.</b>			
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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	<b>KP</b>	5,652,356	07/29/97	Agrawal	536	24.5	
	<b>KQ</b>	5,658,873	08/19/97	Bertsch-Frank et al.	510	375	
	<b>KR</b>	5,661,134	08/26/97	Cook et al.	514	44	
	<b>KS</b>	5,663,312	09/02/97	Chaturvedula	536	22.1	
	<b>KT</b>	5,670,633	09/23/97	Cook et al.	536	23.1	
	<b>KU</b>	5,677,437	10/14/97	Teng et al.	536	23.1	
	<b>KV</b>	5,677,439	10/14/97	Weis et al.	536	23.1	
	<b>KW</b>	5,681,747	10/28/97	Boggs et al.	435	375	
	<b>KX</b>	5,681,941	10/28/97	Cook et al.	536	23.1	
	<b>KY</b>	5,688,941	11/18/97	Cook et al.	536	25.3	
	<b>KZ</b>	5,697,248	12/16/97	Brown	73	290	
	<b>LA</b>	5,700,920	12/23/97	Altmann et al.	536	221	
	<b>LB</b>	5,700,922	12/23/97	Cook	536	23.1	
	<b>LC</b>	5,714,331	02/03/98	Buchardt et al.	435	6	
	<b>LD</b>	5,716,780	02/10/98	Edwards et al.	435	6	
<b>LE</b>	5,719,262	02/17/98	Buchardt et al.	530	300		
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

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				Applicants <b>Clarence F. Bennett et al.</b>		
				Filing Date <b>May 20, 1999</b>	Group <b>1635</b>	
<b>U. S. PATENT DOCUMENTS</b>						
Examiner Initial		Document No.	Date	Name	Class	Subclass
***	LF	08/383,666	02/03/95	Cook et al.		
***	LG	08/398,901	03/06/95	Cook et al.		
***	LH	08/465,880	06/06/95	Cook et al.		
***	LI	08/468,037	06/06/95	Cook et al.		
***	LJ	08/762,488	12/10/96			
***	LK	08/777,266	12/31/96	Bennett et al.		
***	LL	09/009,490	01/20/98	Bennett et al.		
***	LM	09/016,520	01/30/98			
***	LN	09/044,506	03/19/98	Bennett et al.		
***	LO	09/062,416	04/17/98	Bennett et al.		
***	LP	09/071,433	05/01/98	Bennett et al.		
<b>EXAMINER</b>				<b>DATE CONSIDERED</b> <u>8/19/02</u>		

\*\*\* Pursuant to 37 C.F.R. 1.98(a)(2)(iii), no copy of a U.S. patent application need be included with an Information Disclosure Statement filed under 37 C.F.R. 1.97.